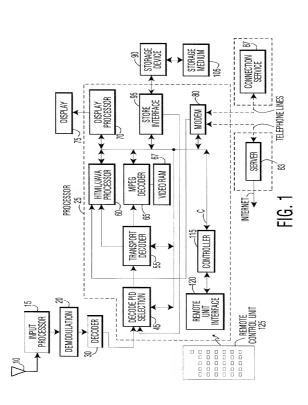
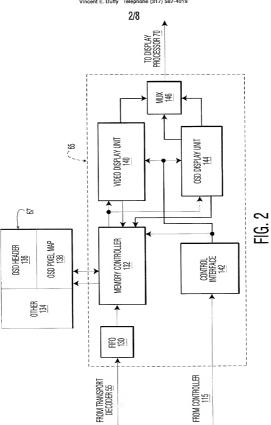
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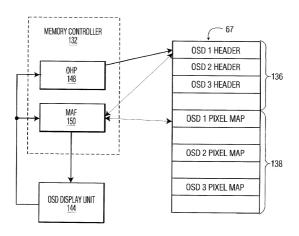


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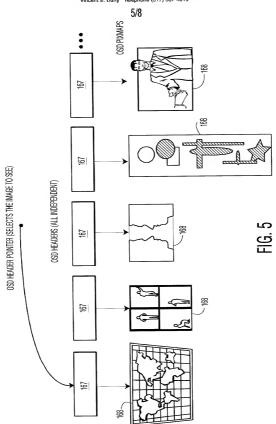
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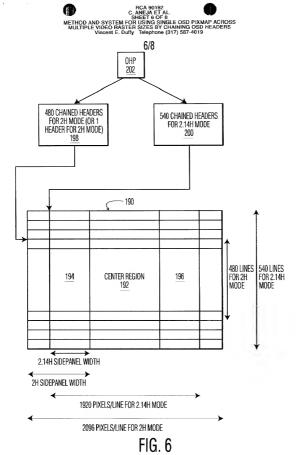
FIG. 3

METHOD AND SYSTEM FOR USING SINGLE OSD PIXMAP ACROSS MULTIPLE VIDEO RASTER SIZES BY CHAINING OSD HEADERS Vincent E. Duffy Telephone (317) 587-4019 4/8 RECEIVE OSD DISPLAY REQUEST 152 TRANSMIT MEMORY ACCESS REQUEST TO OHP REGISTER 154 WRITE OSD HEADER CORRESPONDING TO DESIRED OSD PIXEL MAP INTO MAF REGISTER 156 ANALYZE OSD HEADER TO DETERMINE LOCATION OF OSD PIXEL MAP IN PIXEL MAP BLOCK 158 DETERMINE IF DISPLAY PASS OSD HEADER AND CHARACTERISTICS IN OSD HEADER YES CORRESPONDING OSD PIXEL COMPLY WITH DISPLAY MAP TO DISPLAY PROCESSOR CHARACTERISTICS OF OSD 162 DISPLAY REQUEST 160 REWRITE DISPLAY CHARACTERISTICS IN OSD HEADER 164 PASS OSD HEADER AND CORRESPONDING OSD PIXEL MAP TO DISPLAY PROCESSOR 166

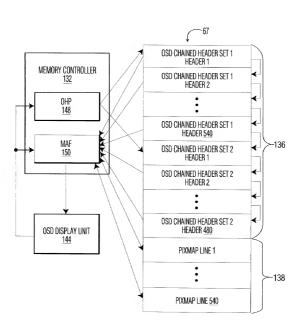
FIG. 4

RCA 90192 C. AMEJA ET AL. SHEET 5 OF 8 METHOD AND SYSTEM FOR USING SINGLE OSD PIXMAP ACROSS MULTIPLE VIDEO RASTER SIZES BY CHAINING OSD HEADERS VIDEOR E. DUITY Telephone (3T7) 587-4019





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FIG. 7

METHOD AND SYSTEM FOR USING SINGLE OSD PIXMAP ACROSS MULTIPLE VIDEO RASTER SIZES BY CHAINING OSD HEADERS WIGHT STATES OF THE STATES OF T 8/8 RECEIVE AN OSD DISPLAY REQUEST 172 DETERMINE (OR DETECT) DISPLAYING MODE 174 TRANSMIT A HEADER POINTER TO OHP REGISTER TO SELECT A HEADER SET 176 RETRIEVE A HEADER (OR A SUBSEQUENT HEADER) FROM THE SELECTED HEADER SET 178 DETERMINE THE LOCATION OF A PIXEL LINE THAT IS ASSOCIATED WITH THE RETRIEVED HEADER 180 PASS THE RETRIEVED HEADER AND THE ASSOCIATED PIXEL LINE TO DISPLAY PROCESSOR 182 DISPLAY THE ASSOCIATED PIXEL LINE 184 IS THERE ANY YES SUBSEQUENT HEADER NO END THAT IS CHAINED TO THE CURRENT HEADER? 186 FIG. 8

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